DATA SHEET

ESPRIMO C5730 E-STAR 4.0

The ultra small PC

Issue: May 2009

ESPRIMO C5730 E-Star 4.0

The ESPRIMO C ultra small form factor PC: Enjoy maximum desktop performance and benefit from the compact design for those offices with limited space. Comfortable working - ergonomic, quiet and reliable. The sophisticated design of the ESPRIMO C provides simple and secure administration and, as a result of our made4you concept, can be easily adapted to specific customer requirements. Environmental compatibility was considered and optimized in the product development phase. This ensures that the ESPRIMO C today already meets the environmental protection requirements of tomorrow.

Compact design

Top quality PC for office environments with little space; also useable as a thin client.

- Ultra small form factor PC, power supply, legacy interfaces and powered serial ports integrated with a volume of only 6.9 liters

Small but expandable

Optimal expandability despite low volume.

- Up to 500 GB hard drive and PCI Low Profile Slot

Energy-saving

Reduced power costs and consumption without any loss in performance.

- Energy-saving processor technology and power supply efficiency up to 87%.

Family concept

Reduced test and evaluation costs for the existing PC infrastructure.

- Uniform technology platform and bitimage for the 5730 series from Fujitsu

Reliability

Reliable top-quality products designed and engineered in Germany

- High product standards thanks to top-quality components and comprehensive testing in certified in-house laboratories

ENERGY STAR EPEAT SILVER NORDIC ECOLABEL intel CORE 2 Duo inside

Green IT HALOGEN FREE QUIET RUNNING EASY ACCESS CABINET TWINLOAD FAMILY CONCEPT MANAGEABILITY KEYBOARD POWER ON

Components

Processor	Intel® Core™2 Duo E8600 (3.33 GHz, 6 MB , 1333 MHz)
	Intel® Core™2 Duo E8500 (3.16 GHz, 6 MB , 1333 MHz)
	Intel® Core™2 Duo E8400 (3.0 GHz, 6 MB , 1333 MHz)
	Intel® Core™2 Duo E7500 (2.93 GHz, 3 MB , 1066 MHz)
	Intel® Core™2 Duo E7400 (2.8 GHz, 3 MB , 1066 MHz)
	Intel® Core™2 Duo E7300 (2.66 GHz, 3 MB , 1066 MHz)
	Intel® Pentium® E5400 (2.70 GHz, 2 MB , 800 MHz)
	Intel® Pentium® E5300 (2.6 GHz, 2 MB , 800 MHz)
	Intel® Pentium® E5200 (2.5 GHz, 2 MB , 800 MHz)
	Intel® Pentium® E2220 (2.4 GHz, 1 MB , 800 MHz)
	Intel® Celeron® E1400 (2.0 GHz, 512 KB , 800 MHz)
Memory modules	4 GB (1 module(s) with 4 GB) DDR2, 800 MHz, PC2-6400, DIMM (DDR2)
	2 GB (1 module(s) with 2 GB) DDR2, 800 MHz, PC2-6400, DIMM (DDR2)
	1 GB (1 module(s) with 1 GB) DDR2, 800 MHz, PC2-6400, DIMM (DDR2)
Hard disk drives (internal)	SSD SATA, 128 GB, 2.5-inch
	SSD SATA, 64 GB, 2.5-inch
	SATA II, 7200 rpm, 500 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 250 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 160 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T.
	CF module IDE, 512 MB, empty
	CF module IDE, 4 GB, empty
Hard disk notes	Supporting NCQ and 3 GBit CF Modules for thin client usage (with or without embedded software)
Modular bay options	DVD Super Multi
	DVD Super Multi Slot-in slim
Interface add on cards/components (optional)	
	Parallel Interface
	eSATA Interface
	Dual serial card PCI LP
Base unit	**ESPRIMO C5730 E-Star4**
Mainboard	
Mainboard type	D2804
Formfactor	proprietary
Chipset	Intel® Q43
Processor socket	LGA 775
Processor quantity maximum	1
System bus (FSB / HT / QPI)	up to 1333 MHz
Memory slots	4 DIMM (DDR2)
Supported capacity RAM (max.)	16 GB
Memory frequency	800 MHz
Memory notes	With future modules. Dual channel support. For dual channel performance, identical memory modules in each channel are necessary (minimum 2 modules).
LAN	10/100/1000 MBit/s Intel® 82567LF
BIOS version	Phoenix 6.0
BIOS features	BIOS Flash EPROM update by software Recovery BIOS
Audio codec	Realtek ALC663
Audio features	Internal speaker supports audio playback, High Definition audio

I/O controller on board	
Serial ATA total	3
thereof eSATA	1 (optional)
Controller functions	Serial ATA II NCQ and 3 GBit AHCI
Interfaces	
Audio: line-in	1
Audio: line-out	1
Front audio: headphone	1
Front audio: microphone	1
USB 2.0 total	10
USB front	3
USB rear	6
USB internal	1
VGA	1
DVI	1
Serial (RS-232)	2 (powered, 9pi, 16 byte FIFO, 16550 compatible)
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Parallel	optional (25pin with EPP and ECP)
Input device / components	
	Optical USB tilt wheel mouse Optional: Optical USB/PS2 tilt wheel mouse
Drive bays	
Drive bays total	2
3.5-inch internal bays	1
5.25-inch external bays	1
Drive bay notes	slim optical disc drive
Slots	
PCI (32-bit / 33 MHz)	1 x (174 mm) low profile
Graphic on board	
Graphics brand name	Intel® GMA 4500
Shared video memory	up to 256 MB
Refresh rate 1024 x 768 (recommended / max.)	85 Hz / -
Refresh rate 1280 x 1024 (recommended / max.)	85 Hz / -
Refresh rate 1600 x 1200 (recommended / max.)	85 Hz / -
TFT resolution (VGA)	1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel
TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel
Graphic notes	Tested resolutions, depending on display type additional resolutions and frequencies possible Shared memory depending on main memory size Resolution (color depth up to 32 Bit/pixel) For TFT we recommend to use 60Hz.
Electrical values	
Power efficiency note	power supply efficiency (at 230V; 20% / 50% / 100% load) : 82% / 87% / 87%
Rated voltage range	100 - 240 V
Rated frequency range	50 - 60 Hz
Operating voltage range	90 - 264 V

Electrical values	
Operating line frequency range	47 - 63 Hz
Max. output of power supply	218 W
Power factor correction/active power	active
Monitor outlet	No
Power consumption	
Power consumption note	see white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=5d0d0c1c-430c-4f21-a425-231d86d444cf
Heat dissipation	
Heat dissipation notes	see white paper Energy Consumption
Noise for standard configuration (HDD, ODD, FDD)	
Noise emission	According to ISO9296
Related Processors for noise	Intel® Core™2 Duo E8600
Noise Operation mode 1: ODD load (Blue angel requirement)	4.6 B / 32 dB(A)
Noise Operation mode 2: HDD load (Blue angel requirement)	3.8 B / 23 dB(A)
Noise Operation mode 3: CPU 90% load (Blue angel requirement)	4.2 B / 27 dB(A)
Noise Operation mode 4: High load	4.2 B / 27 dB(A)
Noise Operation mode 5: Office applications	3.8 B / 22 dB(A)
Idle mode (Blue Angel requirement)	3.7 B / 22 dB(A)
Noise notes / description	A weighted sound power level Lwad (in B) / workplace related A-weighted sound pressure level LpAm (in dB(A)), Bystander position
Dimensions / Weight / Environmental	
Dimension (W x D x H)	264 x 299 x 88 mm
Operating position	Vertical / horizontal (no feet needed)
Weight	approx. 9 kg
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	15 - 35°C
Compliance	
Product	ESPRIMO C5730
Model	USD-D2804
Germany	Blauer Engel / Blue Angel in progress GS optional
Europe	CE Nordic Swan in progress EN60601-1-2
USA/Canada	FCC Class B CSA
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 4.0 EPEAT®
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx
Operating system	
Operating system optional preinstalled	Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Home Premium Microsoft® Windows Vista® Business 32bit Microsoft® Windows Vista® Business 64bit TwinLoad Microsoft® Windows® XP Professional (DVD)
Operating system compatible	Linux
Additional Software	
Additional software (preinstalled)	Nero Essentials (burning software)

Additional Software	
Additional software (optional)	Recovery DVD (Windows® XP / Windows Vista®) Drivers & Utilities DVD (DUDVD) Windows Vista® Drivers & Utilities DVD (DUDVD) Windows® XP
	Keyboard on (Fujitsu keyboard required) Thermal management
Spare part availability	5 years
Compatibility (references)	
	DMI 2.0 PC 2001 WMI 1.5 USB 2.0
Manageability	
Manageability features	ASF 2.0 (Alert Standard Format) DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional) PXE 2.1 Boot code BootP Boot Code including Bootmanage Administrator Software (tested) Wake up from S5 (off mode) Intrusion switch (optional) Intel® Standard Manageability
Manageability type	DeskView 10.x client management including:
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Advanced alerts (ASF implementation) Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
Manageability link	http://ts.fujitsu.com/manageability http://www.altiris.com/fsc
Security	
Physical security	Kensington Lock support Eye for padlock Optional: Integrated cabinet lock
System security	Boot sector virus protection Write protect option for the Flash EPROM Embedded security (TPM 1.2) - Infineon Control of all USB interfaces External USB ports can be disabled separately Boot protection for floppy disk / CD drive and write protection for floppy disk drive Control of external interfaces
User security	User and supervisor BIOS password SystemLock 2 BIOS SmartCard Security Hard disk password Optional: Access protection via external SmartCard reader Optional: Access protection via internal SmartCard reader
Serviceability	
	EasyFix EasyChange for HDD
Packaging information	
Packaging dimension	398x300x520 mm
Max. quantity / pallet	32
Material - Weight (g) Carton	880 g
Material - Weight (g) EPS / PS	250 g
Material - Weight (g) PE	appr. 60 g
Packaging notes	printed user documentation is bleached in chlorine free process

Warranty

Maintenance and Support Services - the perfect extension

Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	5 years
Service Weblink	http://ts.fujitsu.com/Supportservice

Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:
http://ts.fujitsu.com/aboutus
Take back and Recycling information:
http://ts.fujitsu.com/recycling

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.
Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.
For further information see http://ts.fujitsu.com/terms_of_use.html
Copyright © Fujitsu Technology Solutions May 2009

Published by
Fujitsu Technology Solutions
http://ts.fujitsu.com